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Chandrasekar V

FULL STACK DEVELOPER

Objective

Experienced Full Stack Developer with 6 years of expertise in building robust web and mobile applications. Proficient in JavaScript, TypeScript, React.js, Next.js, Express.js, Python Flask, and React Native. Skilled in cloud platforms including Azure and AWS. Strong background in developing responsive and scalable applications, RESTful API design, and database management. Committed to continuous learning and currently expanding skills in .NET development.

Education

2014-2018

Karunya University

B. TECH Electronics & Instrumentations

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Python
Front-end	React.js, Next.js, HTML5, CSS3, Tailwind CSS
Back-end	Express.js, Python Flask
Mobile	React Native, Flutter
Desktop	Electron.js
Databases	MySQL, Postgres, MongoDB

Cloud	AWS, Azure
Version Control	Git
UX/UI	Figma
Other	RESTful APIs, Agile methodologies
Databases	React.js, Next.js, HTML5, CSS3, Tailwind CSS
Cloud	Express.js, Python Flask

PROFESSIONAL
EXPERIENCE

Versatile data scientist and full-stack developer with 5 years of experience in building innovative solutions. Proficient in React.js, Next.js, Express.js, and React Native for front-end and mobile development. Expertise in Python ecosystems including Flask, Django, and Fast API for robust backend services. Skilled in advanced analytics using Py Torch, LLM models, and BERT for actionable business insights. Experienced in cloud technologies, CI/CD pipelines, and containerization using Docker and Kubernetes. Consistently delivered data-driven solutions that improved operational efficiency, customer engagement, and business performance across diverse projects.

June 2021 - Present **Senior Business Analyst - Data Science**
(3 years) **Foundever, Chennai**

- Spearheaded CXO analytics initiatives, leveraging advanced data science techniques to transform customer data into actionable business insights
- Developed and maintained robust web applications using React.js and Next.js, resulting in a 40% improvement in data visualization and reporting efficiency
- Implemented responsive and accessible user interfaces using Tailwind CSS and Mantine UI component library, enhancing user experience and reducing development time by 30%
- Orchestrated CI/CD pipelines using Jenkins, streamlining deployment processes and reducing time-to-market by 50%
- Engineered scalable backend solutions using Python Flask, Django, and Fast API, optimizing data processing workflows and API performance
- Utilized Py Torch and state-of-the-art LLM models including BERT for advanced natural language processing tasks, improving sentiment analysis accuracy by 25%
- Implemented Elasticsearch for efficient data indexing and retrieval, enhancing search functionality and reducing query times by 60%
- Containerized applications using Docker and managed deployments with Kubernetes, improving system scalability and reducing operational overhead by 35%

- Leveraged Kibana for creating interactive dashboards and visualizations, providing stakeholders with real-time insights into customer behavior and business performance
- Collaborated with cross-functional teams to gather requirements, design data-driven solutions, and present findings to C-level executives
- Led initiatives to implement best practices in data governance, security, and compliance across analytics projects
- Mentored junior team members, fostering a culture of continuous learning and innovation in data science methodologies

Key Achievements:

- Developed a predictive customer churn model using machine learning techniques, resulting in a 20% reduction in customer attrition
- Implemented a real-time sentiment analysis system for customer feedback, improving response times to negative experiences by 45%
- Designed and deployed a recommendation engine that increased cross-sell opportunities by 30%
- Optimized data pipelines, reducing data processing time by 55% and improving overall system efficiency

August 2019 - August 2021 **Associate Developer**
Consortia24, Chennai

- Spearheaded the development and optimization of a robust Content Management System (CMS), enhancing content delivery and improving user engagement by 30%
- Engineered responsive web applications using React.js, resulting in a 25% increase in user retention and a 40% reduction in page load times
- Developed and maintained RESTful APIs using Express.js, facilitating seamless integration between front-end and back-end systems
- Implemented Salesforce automation solutions, streamlining sales processes and increasing team productivity by 35%
- Created cross-platform mobile applications using React Native, expanding the company's mobile presence and capturing a 20% increase in mobile user base
- Collaborated with cross-functional teams to gather requirements, design solutions, and deliver highquality software products
- Utilized version control systems (Git) and participated in Agile development methodologies, contributing to a 50% reduction in deployment cycles

- Optimized database queries and implemented caching strategies, resulting in a 45% improvement in application performance
 - Conducted code reviews and mentored junior developers, fostering a culture of knowledge sharing and best practices
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